

FIG. 1

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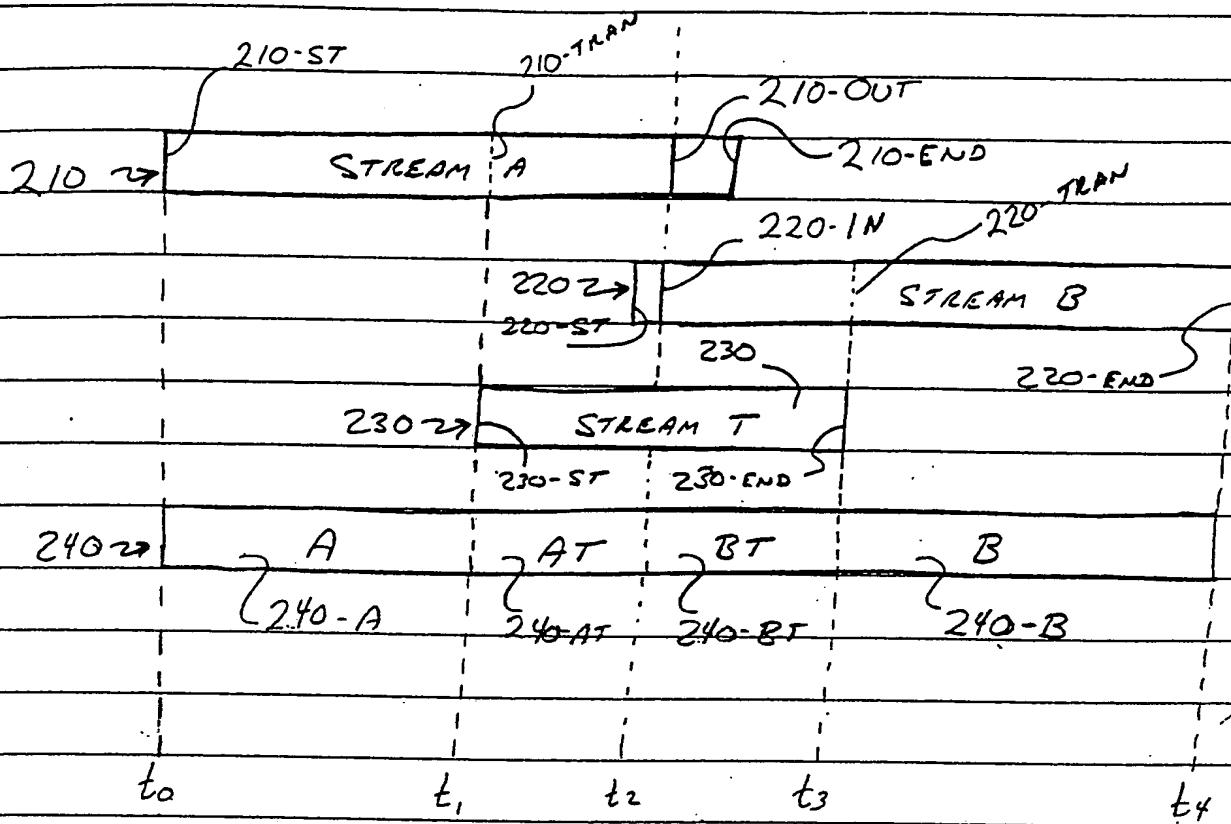


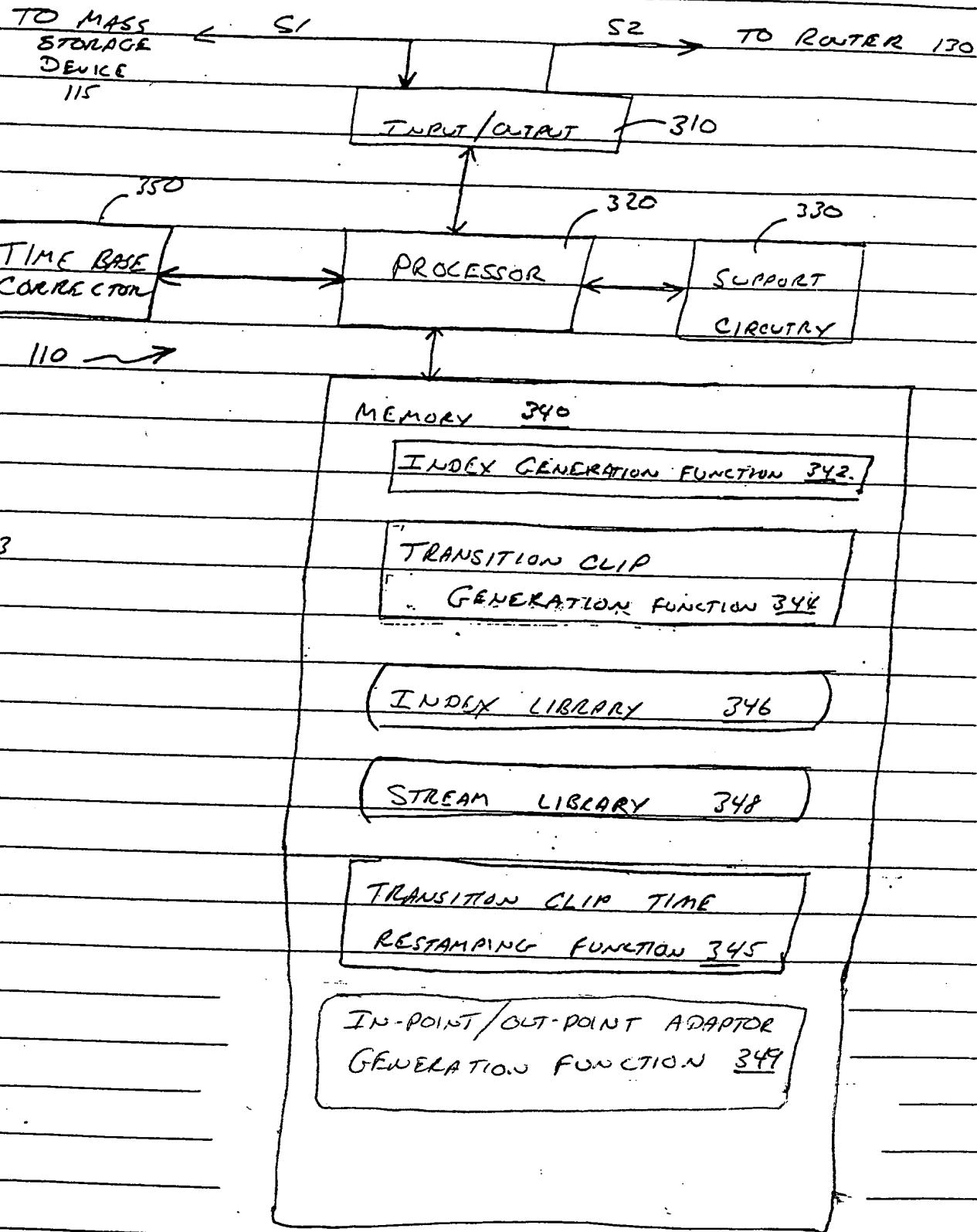
FIG. 2A

(SHMATE TIME CODES)

	STREAM A	00:00:00:00	< t ₂	00:00:02:13	N/A	N/A
	STREAM B	N/A	N/A	00:00:00:23	> t ₂	00:00:
	RESULTANT	00:00:00:00	< t ₂	00:00:02:13	> t ₂	00:00:
		t ₀	t ₁	t ₂	t ₃	t ₄

FIG. 2B

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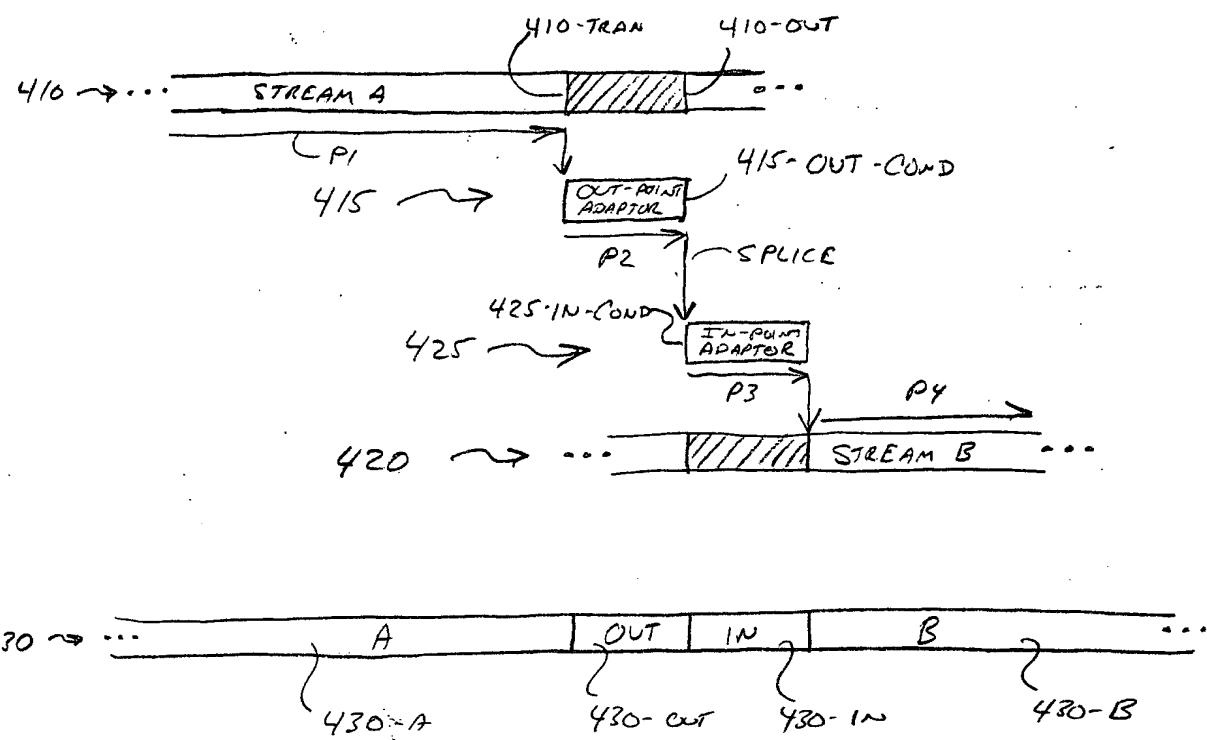


FIG. 4

50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



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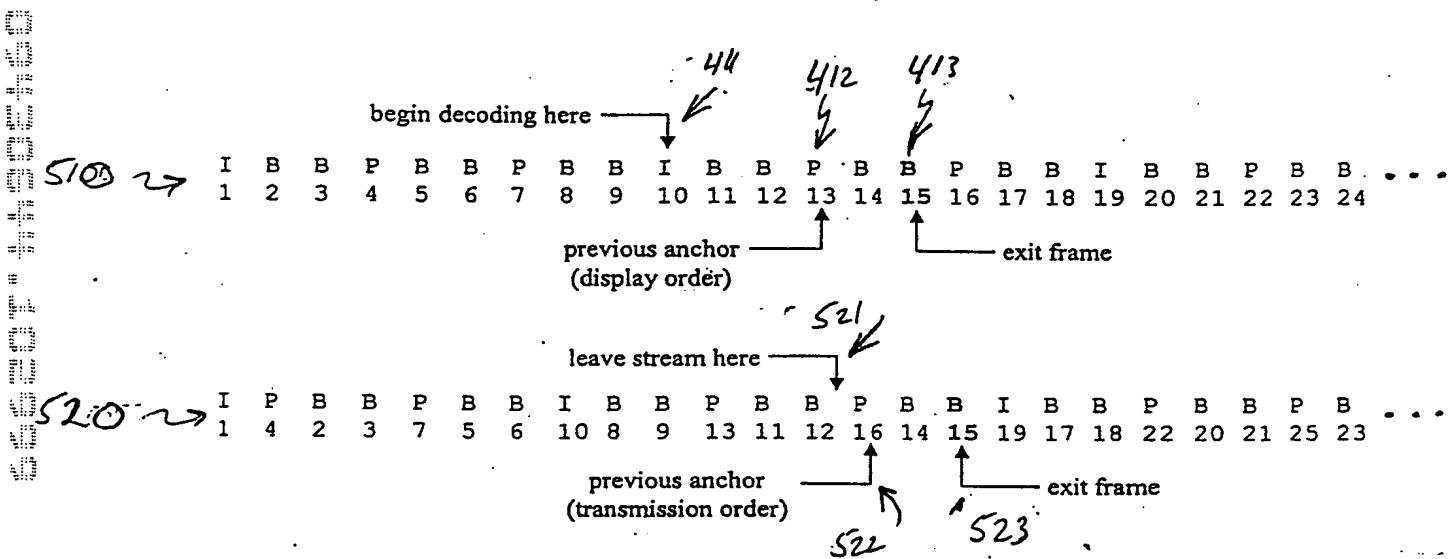


FIG. 5

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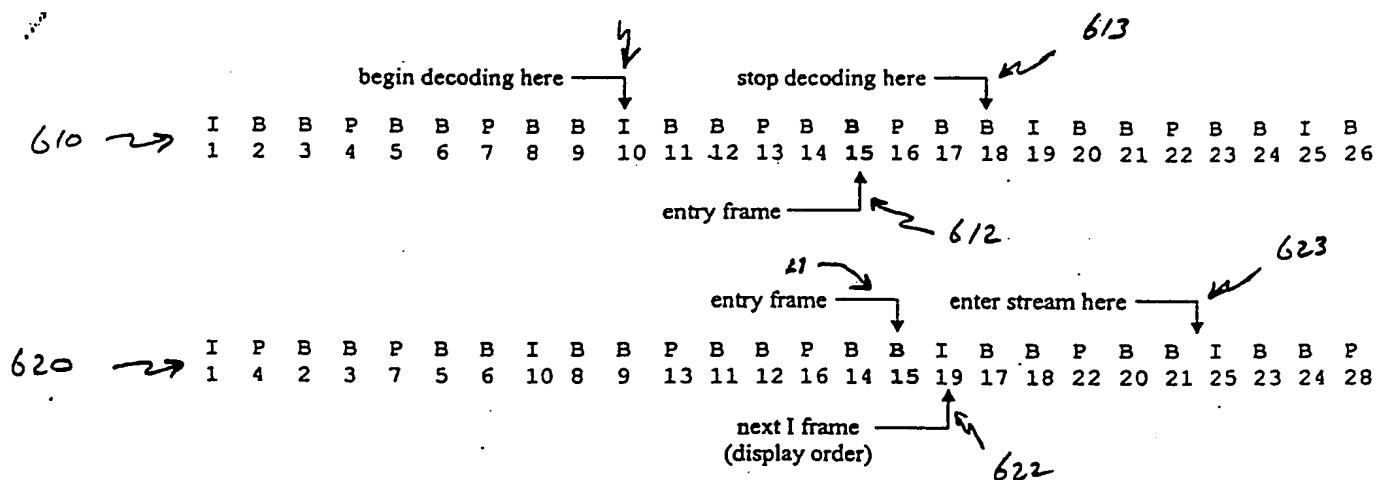


FIG. 6

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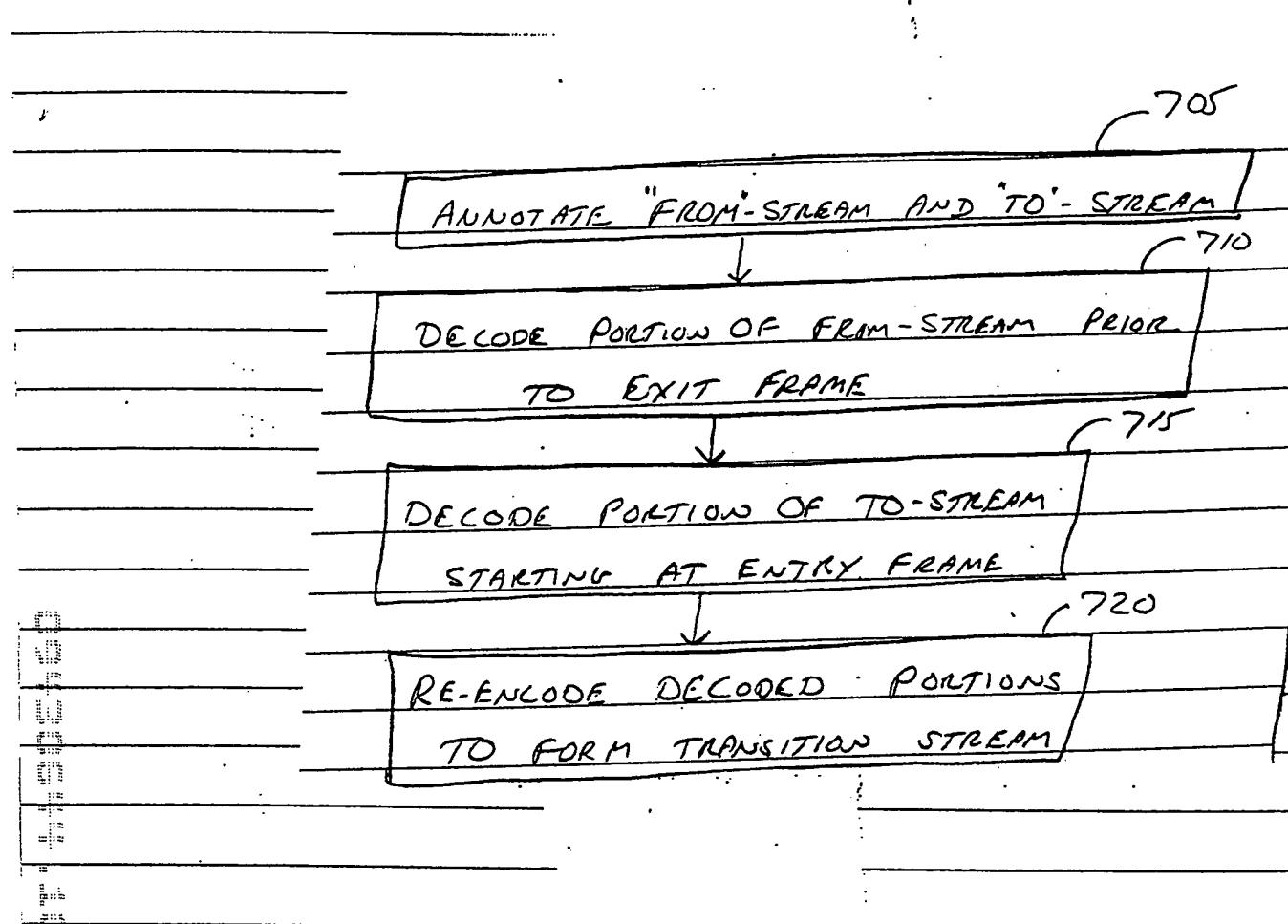


FIG. 7

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805

IDENTIFY EXIT FRAME
OF FROM-STREAM

810

DECODE, IN DISPLAY ORDER, THE
EXIT FRAME AND ALL PRECEDING FRAMES
FROM THE PRIOR I-FRAME

800

815

EXIT
FRAME
= B-FRAME
?

NO

820

LAST FROM-STREAM FRAME
IN TRANSMISSION ORDER
= EXIT FRAME

YES

825

LAST FROM-STREAM FRAME IN TRANSMISSION
ORDER = PRECEDING ANCHOR FRAME - 1

IN TRANSMISSION
CLIP,

STORE DECODED FRAMES FOLLOWING

IN DISPLAY ORDER, LAST FROM-STREAM FRAME

830

FIG. 8

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905

IDENTIFY ENTRY FRAME
OF TO-STREAM

910

DECODE, IN DISPLAY ORDER,

ENTRY FRAME AND ALL FRAMES
APPEARING BEFORE NEXT I-FRAME

900

915

COPY NEXT I-FRAME TO
TRANSITION-CLIP

920

COPY, IN TRANSMISSION ORDER, FRAMES
BETWEEN NEXT I-FRAME AND FOLLOWING
I-FRAME TO TRANSITION-CLIP

FIG. 9

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1005

START

1010

1010-P

PARSE TRANSPORT LAYER

TR: SEQ. HEADER: PICTURE-HEADER
(SI/SO)SMpte

→

1015

EXAMINE FRAME

1020-D

1020

DETERMINE INDEX DATA

tr: pes: fr:

FOR FRAME

PT: DT: Bd:

STORE INDEX DATA

CBd: (I/O)ver:
(SI/SO)SMpte

1025

1030

NEXT FRAME

YES

MORE FRAMES

NO

1040

EXIT

FIG. 10

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1	s:	29 e:	87	0I PT:	25500 DT:	22500 Bd: 250ms	cBd: 0ms	I	O
2	s:	879 e:	1213 fr:	3P PT:	34500 DT:	25500 Bd: 217ms	cBd: 217ms		
3	s:	1214 e:	1444 fr:	1B PT:	28500 DT:	0 Bd: 225ms	cBd: 225ms		
4	s:	1445 e:	1770 fr:	2B PT:	31500 DT:	0 Bd: 240ms	cBd: 240ms	O	
5	s:	1771 e:	2355 fr:	6P PT:	43500 DT:	34500 Bd: 248ms	cBd: 248ms		
6	s:	2356 e:	2871 fr:	4B PT:	37500 DT:	0 Bd: 236ms	cBd: 236ms		
7	s:	2872 e:	3298 fr:	5B PT:	40500 DT:	0 Bd: 229ms	cBd: 229ms	O	
8	s:	3299 e:	3840 fr:	9P PT:	52500 DT:	43500 Bd: 230ms	cBd: 230ms		
9	s:	3841 e:	4225 fr:	7B PT:	46500 DT:	0 Bd: 221ms	cBd: 221ms		
10	s:	4226 e:	4602 fr:	8B PT:	49500 DT:	0 Bd: 224ms	cBd: 224ms	O	
11	s:	4603 e:	4942 fr:	12P PT:	61500 DT:	52500 Bd: 228ms	cBd: 228ms		
12	s:	4943 e:	5310 fr:	10B PT:	55500 DT:	0 Bd: 235ms	cBd: 235ms		
13	s:	5311 e:	5678 fr:	11B PT:	58500 DT:	0 Bd: 240ms	cBd: 240ms	O	
14	s:	5679 e:	6497 fr:	13I PT:	64500 DT:	61500 Bd: 245ms	cBd: 245ms	I	O
15	s:	6498 e:	6685 fr:	16P PT:	73500 DT:	64500 Bd: 215ms	cBd: 215ms		
16	s:	6686 e:	7014 fr:	14B PT:	67500 DT:	0 Bd: 234ms	cBd: 234ms		
17	s:	7015 e:	7365 fr:	15B PT:	70500 DT:	0 Bd: 241ms	cBd: 241ms	O	
18	s:	7366 e:	7594 fr:	19P PT:	82500 DT:	73500 Bd: 248ms	cBd: 248ms		
19	s:	7595 e:	8045 fr:	17B PT:	76500 DT:	0 Bd: 263ms	cBd: 263ms		
20	s:	8046 e:	8540 fr:	18B PT:	79500 DT:	0 Bd: 261ms	cBd: 261ms	O	
21	s:	8541 e:	8839 fr:	22P PT:	91500 DT:	82500 Bd: 256ms	cBd: 256ms		
22	s:	8840 e:	9347 fr:	20B PT:	85500 DT:	0 Bd: 267ms	cBd: 267ms		
23	s:	9348 e:	9841 fr:	21B PT:	88500 DT:	0 Bd: 260ms	cBd: 260ms	O	
24	s:	9842 e:	10213 fr:	25P PT:	100500 DT:	91500 Bd: 256ms	cBd: 256ms		
25	s:	10214 e:	10704 fr:	23B PT:	94500 DT:	0 Bd: 260ms	cBd: 260ms		
26	s:	10705 e:	11196 fr:	24B PT:	97500 DT:	0 Bd: 255ms	cBd: 255ms	O	
27	s:	11197 e:	12165 fr:	26I PT:	103500 DT:	100500 Bd: 250ms	cBd: 250ms	I	O
28	s:	12166 e:	12536 fr:	29P PT:	112500 DT:	103500 Bd: 208ms	cBd: 208ms		
29	s:	12537 e:	12994 fr:	27B PT:	106500 DT:	0 Bd: 213ms	cBd: 213ms		
30	s:	12995 e:	13408 fr:	28B PT:	109500 DT:	0 Bd: 211ms	cBd: 211ms	O	
31	s:	13409 e:	13750 fr:	32P PT:	121500 DT:	112500 Bd: 212ms	cBd: 212ms		
32	s:	13751 e:	14158 fr:	30B PT:	115500 DT:	0 Bd: 219ms	cBd: 219ms		
33	s:	14159 e:	14563 fr:	31B PT:	118500 DT:	0 Bd: 221ms	cBd: 221ms	O	
34	s:	14564 e:	14886 fr:	35P PT:	130500 DT:	121500 Bd: 222ms	cBd: 222ms		
35	s:	14887 e:	15290 fr:	33B PT:	124500 DT:	0 Bd: 231ms	cBd: 231ms		
36	s:	15291 e:	15696 fr:	34B PT:	127500 DT:	0 Bd: 233ms	cBd: 233ms	O	
37	s:	15697 e:	15999 fr:	38P PT:	139500 DT:	130500 Bd: 234ms	cBd: 234ms		
38	s:	16000 e:	16403 fr:	36B PT:	133500 DT:	0 Bd: 244ms	cBd: 244ms		
39	s:	16404 e:	16802 fr:	37B PT:	136500 DT:	0 Bd: 246ms	cBd: 246ms	O	
40	s:	16803 e:	17627 fr:	39I PT:	142500 DT:	139500 Bd: 249ms	cBd: 249ms	I	O
41	s:	17628 e:	17916 fr:	42P PT:	151500 DT:	142500 Bd: 218ms	cBd: 218ms		
42	s:	17917 e:	18326 fr:	40B PT:	145500 DT:	0 Bd: 229ms	cBd: 229ms		
43	s:	18327 e:	18743 fr:	41B PT:	148500 DT:	0 Bd: 230ms	cBd: 230ms	O	
44	s:	18744 e:	19066 fr:	45P PT:	160500 DT:	151500 Bd: 231ms	cBd: 231ms		
45	s:	19067 e:	19492 fr:	43B PT:	154500 DT:	0 Bd: 240ms	cBd: 240ms		
46	s:	19493 e:	19925 fr:	44B PT:	157500 DT:	0 Bd: 240ms	cBd: 240ms	O	
47	s:	19926 e:	20246 fr:	48P PT:	169500 DT:	160500 Bd: 240ms	cBd: 240ms		
48	s:	20247 e:	20683 fr:	46B PT:	163500 DT:	0 Bd: 248ms	cBd: 248ms		
49	s:	20684 e:	21122 fr:	47B PT:	166500 DT:	0 Bd: 248ms	cBd: 248ms	O	
50	s:	21123 e:	21454 fr:	51P PT:	178500 DT:	169500 Bd: 247ms	cBd: 247ms		
51	s:	21455 e:	21895 fr:	49B PT:	172500 DT:	0 Bd: 255ms	cBd: 255ms		
52	s:	21896 e:	22373 fr:	50B PT:	175500 DT:	0 Bd: 254ms	cBd: 254ms	MO	
53	s:	22375 e:	23078 fr:	52I PT:	181500 DT:	178500 Bd: 250ms	cBd: 250ms	I	O
54	s:	23079 e:	23416 fr:	55P PT:	190500 DT:	181500 Bd: 229ms	cBd: 229ms		

1110 1120 1130 1140 1150 1160 1170 1180

FIG. 11

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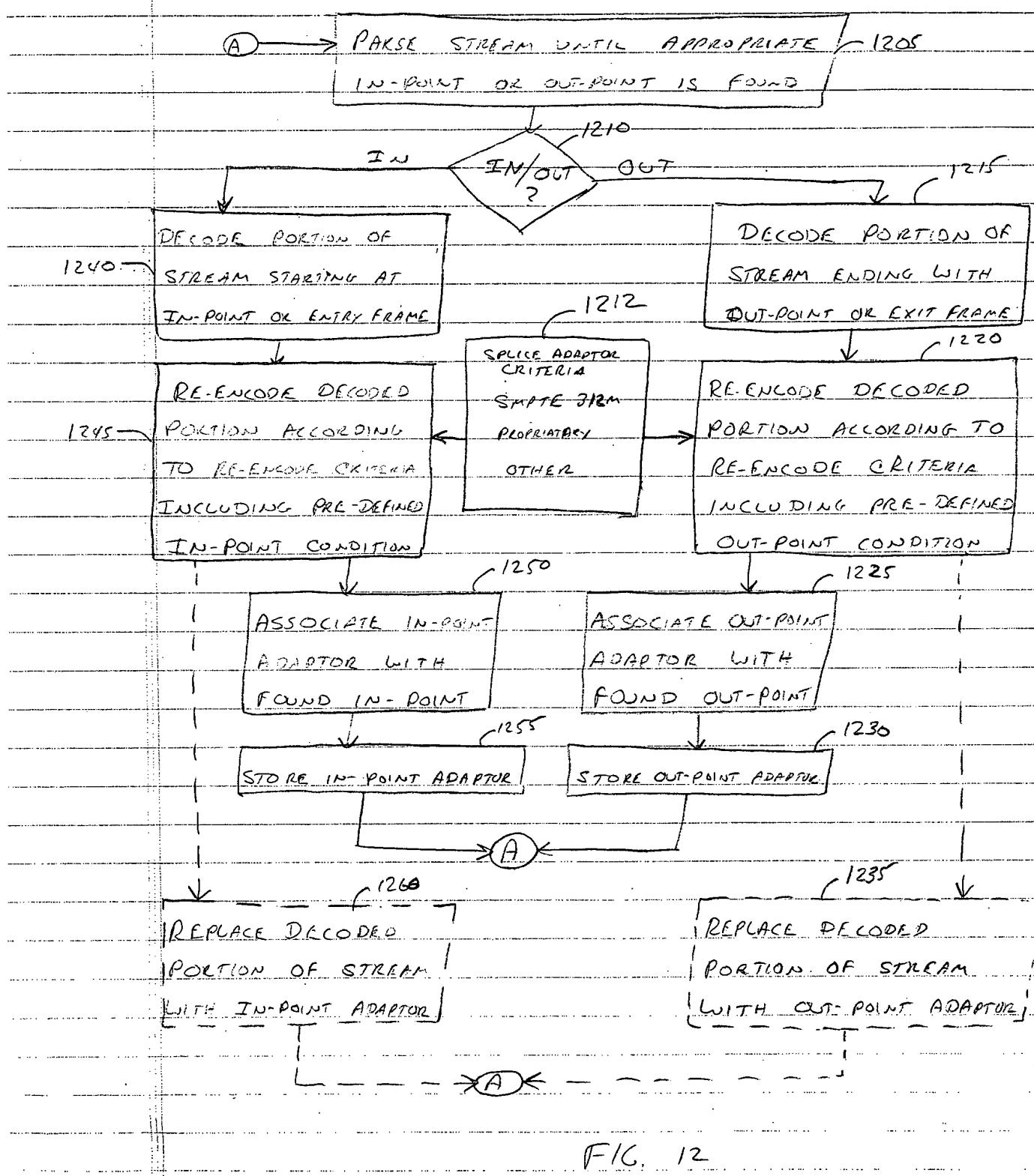


FIG. 12